Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 14 Sep 2021 until 23:59 on Wednesday 15 Sep 2021

Forecast Issued on Tuesday 14 Sep 2021 at 00:17

Confidence: High for general theme but only moderate for rainfall and cloud amounts from mid-afternoon Tuesday and into Wednesday. Remaining high for mostly dry conditions to follow until Friday afternoon, but then low for the timing and extent of rain spreading east.

Headline for Tuesday 14 Sep 2021: Outbreaks of rain. Extensive cloud obscuring views from tops.

Mountain weather hazards on Tuesday 14 Sep 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Fog	Heavy Rain	Light rain	Drizzle	Drizzle	Drizzle
Precipitation probability					
30%	50%	70%	70%	60%	50%

Forecast for Tuesday 14 Sep 2021

Weather: Cloud thickening during the early hours with a few outbreaks of drizzle possible through the morning. Rain becoming heavy for a time during the morning, followed by prolonged light rain and drizzle in the afternoon. Little change in the evening, with low cloud becoming extensive.

Chance of cloud free mountain/hill tops above 600m: 30% at first, falling to 10% by dawn or even <5% during the morning. No improvement.

Visibility: Very limited views throughout, with visibility becoming poor during any heavier bursts of rain or drizzle. Cloud will also obscure summits above 400m for much of the day, and down to 300m at times during heavier bursts.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Tuesday 14 Sep 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/18 E	12/17 E	13/18 E	13/18 E	13/18 NE	12/17 NE	11/15 NE
300	5/10 E	8/12 NE	10/16 E	9/14 NE	9/15 NE	7/13 NE	6/11 N
Valley	6/11 E	8/16 E	8/16 E	9/17 E	8/17 NE	6/13 NE	5/10 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	11/9	12/10	12/10	11/9	11/9	11/9
300	13/12	13/12	14/13	14/13	14/12	13/12	13/12
Valley	13/12	14/13	15/14	15/14	14/13	14/13	13/13
Freezing Level*	2800m	2800m	2800m	2800m	2800m	2800m	2700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A poor day for views, with much of the hills shrouded, especially at height, and frequent rain. Waterproofs will be essential.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 14 Sep 2021	0.4mm	3.4mm	3.4mm

Forecast for Wednesday 15 Sep 2021

Weather: Cloudy with the low risk of some lingering rain or drizzle during the early hours of Wednesday, but soon clearing east. The odd patch of mist or fog possible in valleys. A fine day follows, with overnight cloud soon breaking to give some good spells of warm sunshine. Cloud returning during the evening, with some light rain also possible.

Maximum wind: Northeasterly 5-15mph becoming Westerly 5-15mph during the afternoon.

Chance of cloud free mountain/hill tops above 600m: 20% increasing to 60% by dawn and above 90% by midday.

Visibility: Poor during the early hours with cloud still obscuring hills above 500m, and the chance of drizzle but improving to be good to very good through the morning as cloud lifts and breaks to be above summits level. Any clearer spells through the early hours, could also allow the odd patch of mist or fog to develop in valleys.

Temperature: **Valleys:** Plus 10 Celsius rising to Plus 21 Celsius
At 600m: Plus 10 Celsius rising to Plus 15 Celsius
Freezing level: Above summits.

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